AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A data broadcast receiving apparatus for receiving broadcast data that includes a plurality of data modules which are linked by link information, comprising:

module storing means for ~~selectively~~ storing data modules included in the received broadcast data;

storage information storing means for storing storage information corresponding to each of the plurality of data modules of the broadcast data, the storage information showing a storage state of the data module;

storage controlling means for, for each of the plurality of data modules of the broadcast data, (i) attempting to store the data module into the module storing means, (ii) if the storage of the data module has succeeded generating storage information showing a correspondence between the data module and a storage state of the data module, and storing the generated storage information into the storage information storing means, and (iii) if the storage of the data module has failed, generating storage information showing a correspondence between the data module, a storage state of the data module and a problem because of which the data module is not stored, and storing the generated storage information into the storage information storing means;

user indication accepting means for accepting an indication from a user; and

reproducing means for

(a)   judging whether a target data module which is specified in accordance with the user indication and the link information is stored in the module storing means, based on storage information of the target data module in the storage information storing means,

(b)   when the target data module is stored in the module storing means, reading the target data module from the module storing means, and reproducing and outputting the read target data module, and

(c)   when the target data module is not stored in the module storing means, outputting first information for informing the user that the target data module is not stored and second information for informing the user of a problem because of which the target data module is not stored.

2. (Currently Amended) The data broadcast receiving apparatus of claim 1, wherein the reproducing means includes:

a judging unit for judging whether the target data module is stored in the module storing means, based on the storage information of the target data module in the storage information storing means; and

an informing unit for outputting the first information and the second information when the target data module is not stored in the module storing means.

3-4.   (Cancelled)

5. (Currently Amended) The data broadcast receiving apparatus of claim [[4]] 2,

wherein the informing unit outputs third information for suggesting a solution for the

problem to the user, together with the first information and the second information.

6. (Original) The data broadcast receiving apparatus of claim 5, further comprising:

user instruction accepting means for accepting an instruction from the user to implement the

solution; and

solution implementing means for implementing the solution in accordance with the user

instruction accepted by the user instruction accepting means.

7. (Currently Amended) The data broadcast receiving apparatus of claim 2,

wherein each of the plurality of data modules is made up of at least one set of resource

information, and the judging unit judges whether all sets of resource information that make up

the target data module are stored in the module storing means, in order to judge whether the

target data module is stored in the module storing means, wherein when any of the sets of

resource information of the target data module is not stored in the module storing means, the

informing unit outputs the first information for informing the user that the set of resource

information is not stored in the module storing means, and the reproducing means reads the other

sets of resource information of the target data module from the module storing means, and

reproduces and outputs the other sets of resource information.

if the storage of the data module has succeeded, the storage controlling means generates

storage information showing a correspondence between the data module and a storage state

indicating that all sets of resource information that make up the data module are stored,

if the storage of the data module has failed, the storage controlling means generates, (a) if none of the sets of resource information of the data module is stored, storage information showing a correspondence between the data module, a storage state indicating that none of the sets of resource information is stored, and a problem because of which none of the sets of resource information is stored, and (b) if a part of the sets of resource information of the data module is not stored, storage information showing a correspondence between the data module, a storage state indicating that the part of the sets of resource information is not stored, and a problem because of which the part of the sets of resource information is not stored,

the judging unit judges whether all sets of resource information that make up the target data module are stored in the module storing means, a part of the sets of resource information of the target data module is not stored in the module storing means, or none of the sets of resource information of the target data module is stored in the module storing means, based on the storage information of the target data module in the storage information storing means,

when the judging unit judges that all of the sets of resource information of the target data module are stored in the module storing means, the reproducing means reads all of the sets of resource information of the target data module from the module storing means, and reproduces and outputs the read sets of resource information,

when the judging unit judges that the part of the sets of resource information of the target data module is not stored in the module storing means, the reproducing means reads the other sets of resource information of the target data module from the module storing means and reproduces and outputs the read sets of resource information, and the informing unit outputs the first information for informing the user that the part of the sets of resource information is not

stored, and the second information for informing the user of the problem because of which the part of the sets of resource information is not stored, and

when the judging unit judges that none of the sets of resource information of the target data module is stored in the module storing means the informing unit outputs the first information for informing the user that none of the sets of resource information is stored, and the second information for informing the user of the problem because of which none of the sets of resource information of the target data module is stored.

8. (Currently Amended) ~~A~~ The data broadcast receiving apparatus ~~for receiving broadcast data that includes a plurality of data modules which are linked by link information, comprising: module storing means for selectively storing data modules included in the received broadcast data; user indication accepting means for accepting an indication from a user; and reproducing means for (a) reading a target data module which is specified in accordance with the user indication and the link destination, from the module storing means, and reproducing and outputting the read target data module, (b) specifying~~ of claim 1,

wherein the reproducing means specifies, prior to the reproduction of the target data module, data modules which are link destinations of the target data module and therefore may be indicated by the user as the next target data module, with reference to the link information, ~~(c)~~ ~~judging~~ judges whether the link destination data modules of the target data module are all stored in the module storing means based on storage information of the link destination data modules in the storage information storing means, and ~~(d)~~ when any of the link destination data modules of the target data module is not stored in the module storing means, ~~informing~~ informs the user that the link destination data module is not stored.

9. (Currently Amended) The data broadcast receiving apparatus of claim 8, wherein the reproducing means includes:

a judging unit for specifying the link destination data modules of the target data module with reference to the link information, and judging whether the link destination data modules are all stored in the module storing means based on the storage information of the link destination data modules in the storage information storing means; and

an informing unit for informing, when any of the link destination data modules is not stored in the module storing means, the user that the link destination data module is not stored.

10.   (Original) The data broadcast receiving apparatus of claim 9,

wherein the target data module includes display objects corresponding to the link destination data modules, and

the informing unit informs the user that the link destination data module is not stored, by displaying a display object corresponding to the link destination data module which is not stored, in a different manner from the other display objects corresponding to link destination data modules which are stored.

11.   (Original) The data broadcast receiving apparatus of claim 9,

wherein the target data module includes display objects corresponding to the link destination data modules, and

the informing unit informs the user that the link destination data module is not stored, by not displaying a display object corresponding to the link destination data module which is not stored.

12.   (Original) The data broadcast receiving apparatus of claim 9,

wherein the target data module includes display objects corresponding to the link

destination data modules, and

the informing unit informs the user that the link destination data module is not stored, by

flashing a display object corresponding to the link destination data module which is not stored,

on and off.

13.   (Original) The data broadcast receiving apparatus of claim 9,

wherein the informing unit informs the user that the link destination data module is not

stored, by means of voice output.

14.   (Currently Amended) A data broadcast receiving method for use in an apparatus

for receiving broadcast data that includes a plurality of data modules which are linked by link

information, the apparatus including a <u>module storing unit and a</u> storage <u>information storing</u> unit,

the data broadcast receiving method comprising: a module storing

<u>a storage controlling</u> step for selectively storing, <u>for each of the plurality of</u> data modules

included in <u>of</u> the received broadcast data, into the storage unit; <u>broadcast data, (i) attempting to</u>

<u>store the data module into the module storing unit, and (ii) if the storage of the data module has</u>

<u>succeeded, generating storage information showing a correspondence between the data module</u>

<u>and a storage state of the data module, and storing the generated storage information into the</u>

<u>storage information storing unit, and (iii) if the storage of the data module has failed, generating</u>

<u>storage information showing a correspondence between the data module, a storage state of the</u>

data module and a problem because of which the data module is not stored, and storing the

generated storage information into the storage information storing unit;

a user indication accepting step for accepting an indication from a user; and

a reproducing step for

(a)   judging whether a target data module which is specified in accordance with the

user indication and the link information is stored in the module storage unit, based on storage

information of the target data module in the storage information storing unit,

(b)   when the target data module is stored in the module storage unit, reading the

target data module from the module storage unit, and reproducing and outputting the read target

data module, and

(c)   when the target data module is not stored in the module storage unit, outputting

first information for informing the user that the target data module is not stored and second

information for informing the user of a problem because of which the target data module is not

stored.

15-20.   (Cancelled)

21.   (Currently Amended) A computer~~-readable recording medium recording a~~

program for use in an apparatus for receiving broadcast data that includes a plurality of data

modules which are linked by link information, the apparatus including a module storing unit and

a storage information storing unit, the computer program comprising:~~a module storing~~

a storage controlling step for ~~selectively storing,~~ for each of the plurality of data modules

~~included in~~ of the ~~received broadcast data, into the storage unit;~~ broadcast data, (i) attempting to

store the data module into the module storing unit, (ii) if the storage of the data module has succeeded, generating storage information showing a correspondence between the data module and a storage state of the data module, and storing the generated storage information into the storage information storing unit, and (iii) if the storage of the data module has failed, generating storage information showing a correspondence between the data module, a storage state of the data module, and a problem because of which the data module is not stored, and storing the generated storage information into the storage information storing unit;

a user indication accepting step for accepting an indication from a user; and

a reproducing step for

(a)　　judging whether a target data module which is specified in accordance with the user indication and the link information is stored in the module storage unit, based on storage information of the target data module in the storage information storing unit,

(b)　　when the target data module is stored in the module storage unit, reading the target data module from the module storage unit, and reproducing and outputting the read target data module, and

(c)　　when the target data module is not stored in the module storage unit, outputting first information for informing the user that the target data module is not stored and second information for informing the user of a problem because of which the target data module is not stored.

22.   (Currently Amended) A computer-readable recording medium recording a

computer program for use in an apparatus for receiving broadcast data that includes a plurality of

data modules which are linked by link information, the apparatus including a module storing unit

and a storage information storing unit, the computer program comprising: ~a module storing

a storage controlling step for selectively storing data modules included in the received

broadcast data, into the storage unit;, for each of the plurality of data modules of the broadcast

data, (i) attempting to store the data module into the module storing unit, (ii) if the storage of the

data module has succeeded, generating

storage information showing a correspondence between the data module and a storage state

of the data module, and storing the generated storage information into the storage information

storing unit, and (iii) if the storage of the data module has failed, generating storage information

showing a correspondence between the data module, a storage state of the data module, and a

problem because of which the data module is not stored, and storing the generated storage

information into the storage information storing unit;

a user indication accepting step for accepting an indication from a user; and

a reproducing step for

(a)   reading judging whether a target data module which is specified in accordance

with the user indication and the link destination, from the information is stored in the module

storage unit, based on storage information of the target data module in the storage information

storing unit,

(b)   when the target data module is stored in the module storage unit, reading the

target data module from the module storage unit, and reproducing and outputting the read target

data module, specifying, prior to the reproduction of the target data module, data modules which

are link destinations of the target data module and therefore may be indicated by the user as the next target data module, with reference to the link information, and

(c)   judging whether the link destination data modules of the target data module are all stored in the storage unit, and (d) when any of the link destination data modules of when the target data module is not stored in the module storage unit, outputting first information for informing the user that the link destination target data module is not stored and second information for informing the user of a problem because of which the target data module is not stored.